

# Bright & Smart Robotics

## Engineering Skills for Kids



Give him/her the opportunity to learn, discover, and be amazed by programming **Computers**, building **Robots** and learning **Teamwork** skills

- Where:** Rose G. Price Park  
**Dates:** Six **SATURDAYS** from **September 11<sup>th</sup>** through **October 16<sup>th</sup>**  
**Time:** From **9:00 AM** to **10:30 AM**  
**Groups:** Small groups up to **12 students** per class.  
**Tuition:** **\$150\*** per enrichment session of 6 classes each (materials fee included)  
\*Non Pembroke Pines residents add 25%

**Free Trial Class on August 28th at 9:00 am**  
**Call 954-816-3346 to RSVP!**



## Engineering Skills for kids

**Our Goal at Bright & Smart is:**

To introduce kids to **Engineering Skills** and facilitate high cognitive skills through **teamwork**, **robot building** and **computer programming**.

**For creative, talented and inquisitive kids**

**(ages 7-12)**



For program and enrollment information, call: (954) 816-3346,  
email us: [info@BrightandSmart.com](mailto:info@BrightandSmart.com), or visit us at: [www.BrightandSmart.com](http://www.BrightandSmart.com)

# Bright & Smart Robotics Enrichment Program

Here are some frequently asked questions that we have compiled for your convenience. If you still have questions, please contact us and we will be more than happy to assist you.

**What is Bright & Smart Robotics?** *Bright & Smart Robotics* is the newest adventure in robotics that amazes kids and parents alike! Bright & Smart welcomes all future **engineers** and **scientists**, 7 to 12 years old, where children learn **robot assembly** and **computer programming** in a fun-filled experience that fosters *Engineering Skills* such as **teamwork**, **critical thinking** and **problem solving**.

**What do children learn?** **Teamwork** activities help them learn the importance of negotiation, taking turns, and playing different roles while working with their peers.

**Computer Programming** improves and develops their **logical**, **critical**, and **creative thinking** skills.

**Robot Assembly** structures their minds to **solve problems** by breaking them into smaller pieces and subsequently solving each individual one.

**What is the structure of the program?** *Bright & Smart Robotics* is shaped in **modules**. Every module is taught in sessions of 6 or 8 classes (depending on the school or facility where they are being offered at) held once per week for 90 minutes. Our program has been designed to allow every kid to work at his/her own pace to move through the material of the module.

**How do I know if my child can attend?** This is a discovery class, no special skills are needed. We encourage kids ages 7 through 12 to participate.

**Can younger children participate?** Yes, if they feel comfortable reading and following written instructions.

**How are the classes organized?** Each class is divided into two main sections of 45 minutes each as follows: During the first 45 minutes, kids learn **computer programming** through using a programming language called LOGO, and doing several activities in and out of the computer. In the second 45 minutes, kids learn the principles of **robot assembly** using LEGOS, the principles of **robot programming** using ROBOLAB, and the principles of **teamwork** from working as a **team**.

**How are the groups shaped for advanced students?** We work in small groups of up to **12 children** per class. In order to achieve the objectives of the program, they are grouped in **teams** of 3 kids according to their abilities, skills, and/or age.

**How do I know if this program is the right one for my child?** Your child can attend a **free trial-class** on **August 28<sup>th</sup>** at **Rose G. Price Park**; please call 954-816-3346 to RSVP.

**Where can I get more information?** You can give us a call at (954) 816-3346, visit our website [www.BrightAndSmart.com](http://www.BrightAndSmart.com), or send us an email to: [info@BrightAndSmart.com](mailto:info@BrightAndSmart.com)

